

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: P5280 SAS No.: P5280 SDG No.: P5280

Instrument ID: MSVOA_X Calibration Date/Time: 12/16/2024 08:58

Lab File ID: VX044308.D Init. Calib. Date(s): 12/11/2024 12/11/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:41 13:00

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.773	0.794		2.72	20
Chloromethane	0.739	0.720	0.1	-2.57	20
Vinyl Chloride	0.770	0.735		-4.55	20
Bromomethane	0.546	0.499		-8.61	20
Chloroethane	0.480	0.450		-6.25	20
Trichlorofluoromethane	1.508	1.490		-1.19	20
1,1,2-Trichlorotrifluoroethane	0.610	0.650		6.56	20
1,1-Dichloroethene	0.560	0.580		3.57	20
Acetone	0.357	0.399		11.77	20
Carbon Disulfide	1.065	1.223		14.84	20
Methyl tert-butyl Ether	2.187	2.109		-3.57	20
Methyl Acetate	0.922	0.830		-9.98	20
Methylene Chloride	0.671	0.649		-3.28	20
trans-1,2-Dichloroethene	0.596	0.599		0.5	20
1,1-Dichloroethane	1.172	1.189	0.1	1.45	20
Cyclohexane	0.946	0.966		2.11	20
2-Butanone	0.508	0.480		-5.51	20
Carbon Tetrachloride	0.482	0.526		9.13	20
cis-1,2-Dichloroethene	0.756	0.720		-4.76	20
Bromochloromethane	0.575	0.551		-4.17	20
Chloroform	1.316	1.264		-3.95	20
1,1,1-Trichloroethane	1.093	1.118		2.29	20
Methylcyclohexane	0.535	0.604		12.9	20
Benzene	1.359	1.384		1.84	20
1,2-Dichloroethane	0.560	0.564		0.71	20
Trichloroethene	0.339	0.347		2.36	20
1,2-Dichloropropane	0.347	0.340		-2.02	20
Bromodichloromethane	0.465	0.508		9.25	20
4-Methyl-2-Pentanone	0.556	0.506		-8.99	20
Toluene	0.853	0.830		-2.7	20
t-1,3-Dichloropropene	0.455	0.509		11.87	20
cis-1,3-Dichloropropene	0.507	0.550		8.48	20
1,1,2-Trichloroethane	0.339	0.332		-2.07	20
2-Hexanone	0.403	0.393		-2.48	20
Dibromochloromethane	0.326	0.357		9.51	20
1,2-Dibromoethane	0.345	0.350		1.45	20
Tetrachloroethene	0.332	0.342		3.01	20
Chlorobenzene	1.071	1.071	0.3	0	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.851	1.926		4	20
m/p-Xylenes	0.679	0.710		4.57	20
o-Xylene	0.687	0.689		0.29	20
Styrene	1.102	1.176		6.72	20
Bromoform	0.219	0.257	0.1	17.35	20
Isopropylbenzene	3.828	3.954		3.29	20
1,1,2,2-Tetrachloroethane	1.329	1.243	0.3	-6.47	20
1,3-Dichlorobenzene	1.621	1.669		2.96	20
1,4-Dichlorobenzene	1.667	1.689		1.32	20
1,2-Dichlorobenzene	1.684	1.724		2.38	20
1,2-Dibromo-3-Chloropropane	0.258	0.261		1.16	20
1,2,4-Trichlorobenzene	0.923	1.012		9.64	20
1,2,3-Trichlorobenzene	0.979	1.000		2.14	20
1,2-Dichloroethane-d4	0.877	0.799		-8.89	20
Dibromofluoromethane	0.346	0.341		-1.45	20
Toluene-d8	1.168	1.142		-2.23	20
4-Bromofluorobenzene	0.408	0.395		-3.19	20

All other compounds must meet a minimum RRF of 0.010.
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